

M 5.4, 153 km ENE of Savannah Bight, Honduras

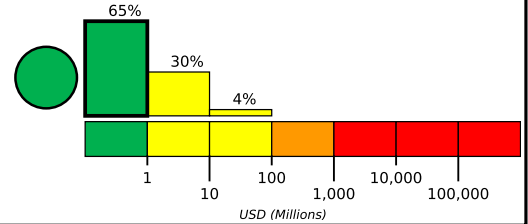
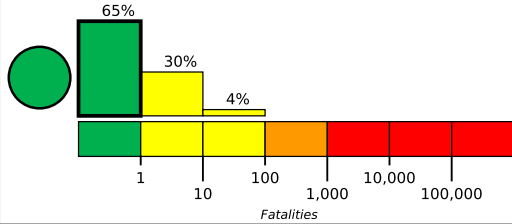
Origin Time: 2022-03-28 18:43:40 UTC (Mon 12:43:40 local)
Location: 17.1749° N 84.6182° W Depth: 10.0 km

Created: 1 day, 0 hours after earthquake

Estimated Fatalities

Green alert for shaking-related fatalities and economic losses. There is a low likelihood of casualties and damage.

Estimated Economic Losses

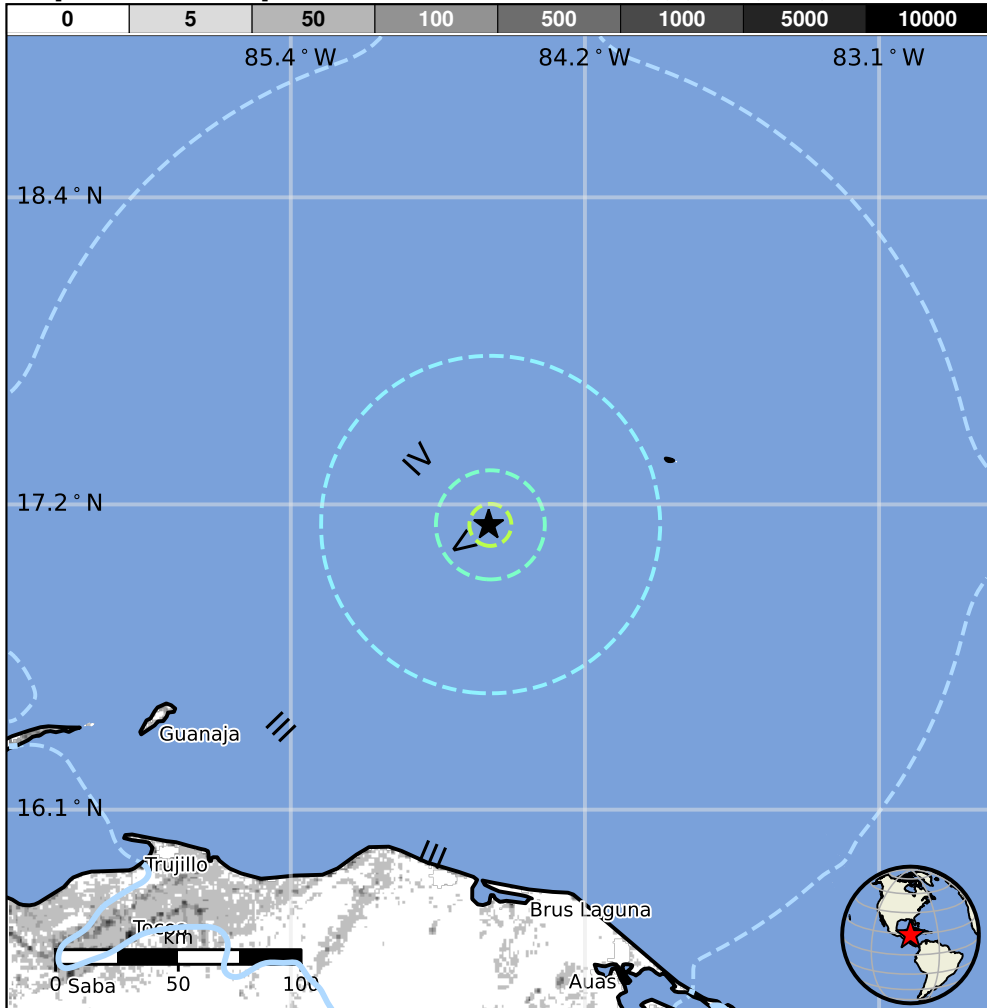


Estimated Population Exposed to Earthquake Shaking

ESTIMATED POPULATION EXPOSURE (k=x1000)		—*	442k	0	0	0	0	0	0	0
ESTIMATED MODIFIED MERCALLI INTENSITY		I	II-III	IV	V	VI	VII	VIII	IX	X+
PERCEIVED SHAKING		Not felt	Weak	Light	Moderate	Strong	Very Strong	Severe	Violent	Extreme
POTENTIAL DAMAGE	Resistant Structures	None	None	None	V. Light	Light	Moderate	Mod./Heavy	Heavy	V. Heavy
	Vulnerable Structures	None	None	None	Light	Moderate	Mod./Heavy	Heavy	V. Heavy	V. Heavy

*Estimated exposure only includes population within the map area.

Population Exposure



Structures

Overall, the population in this region resides in structures that are highly vulnerable to earthquake shaking, though some resistant structures exist. The predominant vulnerable building types are mud wall and informal (metal, timber, GI etc.) construction.

Historical Earthquakes

Date (UTC)	Dist. (km)	Mag.	Max MMI(#)	Shaking Deaths
2002-12-23	106	5.8	V(7k)	—
2005-09-23	324	5.9	VI(224k)	—
1977-08-20	220	6.3	VII(14k)	—

Selected City Exposure

from GeoNames.org

MMI	City	Population
III	Brus Laguna	4k
III	Francia	1k
III	Santa Rosa de Aguan	1k
III	Wawina	1k
III	Puerto Castilla	1k
III	Salama	2k
III	Tocoa	31k
III	Bonito Oriental	4k
III	Trujillo	10k
II	Elixir	3k
II	Saba	10k

PAGER content is automatically generated, and only considers losses due to structural damage. Limitations of input data, shaking estimates, and loss models may add uncertainty.
<https://earthquake.usgs.gov/earthquakes/eventpage/us7000gxwl#pager>

bold cities appear on map.

(k = x1000)

Event ID: us7000gxwl